

15-175-20562-00-00 EPD 1-1-86

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 1/29/86

Company: FLYNN ENERGY CORP. Lease: Clark #8-1 Well No.: 8-1

County: Seward Location: C-NE-NW Section: 8 Township: 34S Range: 34W Area: 40

Field: North Archer Reservoir: Chester Sand Pipeline Connection: Permian Corp.

Completion Date: 2-9-82 Type Completion(Describe): Acidize & Frac Plug Back T.D.: 6,550' Packer Set At: None

Production Method: Pumping Gas Lift Oil Type Fluid Production: API Gravity of Liquid/Oil

Flowing Casing Size: 4 1/2" Weight: 10.5# I.D.: 3.927" Set At: 6,600' Perforations: 6,333' To: 6,352'

Tubing Size: 2-3/8" Weight: 4.7# I.D.: 1.901" Set At: 6,305' Perforations: To: ---

Pretest: Starting Date 1/27/86 Time 11:50AM Ending Date 1/28/86 Time 11:50AM Duration Hrs. 24

Test: Starting Date 1/28/86 Time 11:50AM Ending Date 1/29/86 Time 11:50AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

| Producing Wellhead Pressure | | | | Separator Pressure | | | | Choke Size | | |
|-----------------------------|--------|----------------|------|--------------------|--------------|------|--------|-----------------|-------|-------|
| Casing: | | Tubing: | | | | | | | | |
| Bbls./In. | Tank | Starting Gauge | | | Ending Gauge | | | Net Prod. Bbls. | | |
| | Size | Number | Feet | Inches | Barrels | Feet | Inches | Barrels | Water | Oil |
| Pretest: | 210BBL | 5116 | 1 | 6 | | 1 | 6 | | T | 9.28 |
| Test: | | 5116 | 1 | 6 | | 1 | 6 | | T | 11.60 |
| Test: | | 5117 | 12 | 10 | | 13 | 6 | | | |
| Test: | | 5117 | 13 | 6 | | 14 | 4 | | | |

GAS PRODUCTION OBSERVED DATA

| Orifice Meter Connections | | | | Orifice Meter Range | | | |
|---------------------------|------------------------|--------------|-------------------------------|---------------------------------|---------------------------|------------------|-------------------|
| Pipe Taps: | | Flange Taps: | | Differential: | | Static Pressure: | |
| Measuring Device | Run-Prover-Tester Size | Orifice Size | Meter-Prover-Tester In. Water | Pressure In. Merc. Psig or (Pd) | Diff. Press. (hw) or (hd) | Gravity Gas (Gg) | Flowing Temp. (t) |
| Orifice Meter | 3" | 1.00 | | 4.5 | 0 | 0.750 | 35° |
| Critical Flow Prover | | No | Gas Sales | | | | |
| Orifice Well Tester | | | | | | | |

GAS FLOW RATE CALCULATIONS (R)

| Gcoeff. (Fb)(Fp)(OWTC) | Meter-Prover Press. (Psia)(Pm) | Extension $\sqrt{hw \times Pm}$ | Gravity Factor (Fg) | Flowing Temp. Factor (Ft) | Deviation Factor (Fpv) | Chart Factor (Fd) |
|------------------------|--------------------------------|---------------------------------|---------------------|---------------------------|------------------------|-------------------|
| | | | | 35° | | |

Gas Prod. MCFD Flow Rate (R): Oil Prod. Bbls./Day: Gas/Oil Ratio (GOR) = Cubic Ft. per Bbl.

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 29th day of January 19 86.

For Offset Operator: *James R. Papp* For State: *Richard K. Duce* For Company

STATE CORPORATION COMMISSION

MAR 11 1986

CONSERVATION DIVISION
 Wichita, Kansas